

In re Application of:

Twardzik et al.

Application No.: 10/039,119

Filed: January 4, 2002

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PATENT

Attorney Docket No.: STEM1110-4

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REGARDING THE AMENDMENTS

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The amendments to the written description are fully supported by the application, as filed. Specifically, support for the amendments adding Asp as one of the possibilities for X_3 may be found in the Sequence Listings filed in the applications to which the present application claims priority. These applications are Application Serial Nos. 09/641,587, 09/492,935 and 09/378,567, all pending, and all incorporated by reference into the present invention. In the Sequence Listings filed in 09/492,935 and 09/378,567, SEQ ID NO.: 1 is the native sequence of human TGF α . It can be seen from the SEQ ID NO.: 1 that the amino acid in position #7 is Asp. Therefore, inclusion of Asp as an option for X_3 is supported. Support for the amendment to the specification in formula IV, amending Gln to Asn is also supported by SEQ ID NO.: 1. In SEQ ID NO.: 1, it can be seen that the amino acid in position #6 is Asn. Therefore this amendment has been made to the specification. Similarly, the specification has been amended where it is stated, "wherein T is the native sequence of human TGF α (SEQ ID NO.:1) from amino acid #8 (Cys) to amino acid #44 (Cys)..." However, as can be seen in SEQ ID NO.: 1, in the native sequence of human TGF α amino acid #44 is not Cys, but Glu. The Cys that was referred to is in position #43. Therefore amendment of the position number has been made to the specification to correctly identify the Cys residue. Any other amendments to the written description have been made for clarification. These amendments are the addition of the word "or" between the values of $-NH_2$ and $R_3 - X_3$ for R_1 , the clarification of X_1 as X_{1a} , X_{1b} or X_{1c} , the addition of sequence identification numbers and the correction of typographical errors. None of the amendments to the written description add any new matter.

CONCLUSION

This Preliminary Amendment is submitted in order to clarify the invention. No new matter has been added. The new claims are supported by the specification and claims, as originally filed, as set forth above.

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In view of the foregoing, Applicants respectfully submit that the claims are in condition for allowance. No fee is deemed necessary in connection with the filing of this response. However, if any fee is deemed necessary, the Commissioner is authorized to charge (or apply any credits to) Deposit Account No.: 50-1355. The Examiner is invited to contact Applicant's undersigned representative if there are any questions related to this matter.

Respectfully submitted,

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